



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: Buck et al.  
SERIAL NUMBER: 09/890,469 EXAMINER: Robert Clinton Hayes  
FILING DATE: November 3, 2001 ART UNIT: 1647  
FOR: ENRICHED CENTRAL NERVOUS SYSTEM STEM CELL AND PROGENITOR  
CELL POPULATIONS, AND METHODS FOR IDENTIFYING, ISOLATING  
AND ENRICHING FOR SUCH POPULATIONS

**Mail Stop Amendment**  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**Amendment and Response to April 7, 2004 Office Action**

This is in response to the Office Action mailed on April 7, 2004. A petition for a two month extension of time, accompanying fee, and an information disclosure statement accompany this response. With the extension, this Amendment and Response is due September 7, 2004. The Commissioner is hereby authorized to charge payment of any additional fees required in connection with the papers transmitted herewith, or credit any overpayment of same, to Deposit Account No. 50-0311 (Reference No. 17810-510 NATL).

In response to the Office Action mailed April 7, 2004 (the "Office Action"), please amend the application as follows and consider the following remarks.

**Amendments to the Specification** are shown beginning on page 2.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 3 of this paper.

**Remarks** begin on page 7 of this paper.